

Backend APIs

1. **post:** localhost:3000/signup → **unique username, password**

```
{
  "username": "MennaFan",
  "password": "alallaMM$mm$",
  "firstName": "Menna",
  "lastName": "Ahmed",
  "birthDate": "2021-01-01",
  "gender": "Female",
  "City": "Cairo",
  "Address": "Zahraa Elmaadi",
  "emailAddress": "mennafan@gmaail.com",
  "role": "Fan"
}
```

2. **post:** localhost:3000/login

```
{
  "password": "alallaMM$mm$",
  "emailAddress": "mennaadmin@gmaail.com"
  // "emailAddress": "mennaadmin@gmaail.com"
}
```

3. **post:** localhost:3000/logout

- a. needs token

4. **get:** localhost:3000/getAllUsers

- a. needs token

- b. Only admin can get All Users

5. **delete:** localhost:3000/deleteUser/02ea8c9a-caa1-4ec9-a462-9756d47e9d01

- a. needs token and users's id send in route

- b. Only admin can delete a user
- 6. **post:** localhost:3000/setAsManager/71136276-8dd1-4761-bcd3-6fee3de96944
 - a. admin can set a user as Manager
 - b. needs token and user's id send in route
- 7. **post:** localhost:3000/addStadium
 - a. Only Managers can add Stadium
 - b. needs token

```
{
  "name": "Elhelal2",
  "vipRows": 100,
  "vipSeatsPerRow": 50
}
```

- 8. **get:** localhost:3000/getStadiums
- 9. **get:** localhost:3000/getMatches
- 10. **get:** localhost:3000/getStadiumIdByName/Elhelal
 - a. stadium name is unique
 - b. Given stadium name get its id
- 11. **post:** localhost:3000/addMatch
 - a. needs token
 - b. only managers can add match

```
{
  "HomeTeam": "Ahly",
  "AwayTeam": "ElNasr",
  "date_time": "2024-12-13T08:00:00.000Z",
  "stadiumId": "2e0289bf-f4ca-4e1e-ad92-d52688f3431f",
  "Referee": "Ahmed",
}
```

```
"linesman1": "Mohamed",  
"linesman2": "Ali"  
}
```

12. **patch:** localhost:3000/editMatch/167f592d-4837-40c0-9f31-b8c198b3278a

a. Only manager can edit match

b. needs token and match id

c. **can only edit**

"HomeTeam",

"AwayTeam",

"date_time",

"Refree",

"linesman1",

"linesman2",

"stadiumId"

13. **get:** localhost:3000/getSeatsDetails/2707680d-e383-4bbb-b6c0-0bf8f3e1de8f

a. needs token and match id

b. if the user is manager:

i. Returns status of all seats reserved and vacant ones (each seat with row number and col number and status)

c. if any other user

i. Return only list of vacant seats

14. **patch:** localhost:3000/editProfile

a. needs token

b. **can only edit**

"password",

"firstName",

"lastName",

"birthDate",

"gender",

```
"City",  
"Address"
```

```
{  
  "firstName": "MennaA",  
  "birthDate": "2003-01-07",  
  "gender": "Female"  
}
```

15. **get**: localhost:3000/getUserInfo

a. needs token

16. **get**: localhost:3000/getMatchById/0950b9cd-afb0-47f4-9b8f-1df825826489

a. needs match id

17. **post**: localhost:3000/reserveSeat

a. needs token

```
{  
  "matchId": "ffc6ec64-ebe3-48fc-bcaa-aaf907354be3",  
  "seatNumber": 2,  
  "rowNumber": 1,  
  "creditCardNumber": 10010101010011,  
  "pinNumber": 1001  
}
```

18. **delete**: localhost:3000/cancelReservation/24

a. needs ticket id (example 24)